

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 January 2004 (22.01.2004)

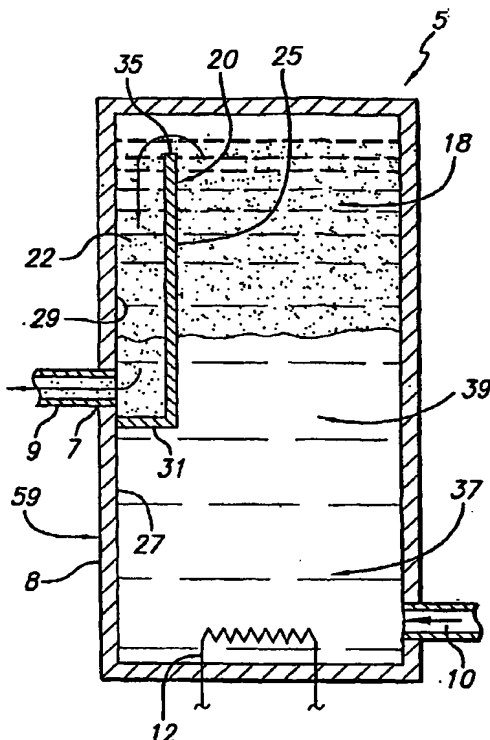
PCT

(10) International Publication Number  
**WO 2004/008019 A3**

- (51) International Patent Classification<sup>7</sup>: **A47J 31/00**
- (21) International Application Number:  
PCT/US2003/022277
- (22) International Filing Date: 15 July 2003 (15.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/395,939 15 July 2002 (15.07.2002) US
- (71) Applicant (for all designated States except US):  
**BUNN-O-MATIC CORPORATION** [US/US]; 1400  
Stevenson Drive, Springfield, IL 62703 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **LOWE, Kevin**  
[US/US]; 325 W. Green Street, Virden, IL 62690 (US).
- (74) Agents: **PETERS, Grant, H. et al.**; Barnes & Thornburg,  
P.O. Box 2786, Chicago, IL 60690-2786 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: HEATED SUBSTANCE RESERVOIR BAFFLE



(57) Abstract: A heated water reservoir for use as a heated water dispenser, in conjunction with a beverage dispenser or for other uses. The heated water reservoir (5) includes a baffle (20) which communicates with an outlet port (7) positioned along the reservoir and an upper portion of the reservoir. In the reservoir a quantity of water is retained in a heated condition with an upper portion of the reservoir containing generally heated water of a higher temperature. An upper edge (35) of the baffle is positioned relative to the upper portion of the heated water reservoir such that passage of water from the reservoir into a cavity (22) defined, at least in part, by the baffle facilitates flow of water over the upper edge and into the outlet port. In this manner, water having a higher temperature is dispensed from the reservoir.